

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1 -3 (Cancelled)

4. (Previously Presented) A balloon angioplasty catheter comprising:
an elongated catheter body having a proximal end and a distal end;
a balloon including an inflatable envelope portion, the balloon having a proximal end and a distal end;
a perfusion lumen extending through the balloon, the perfusion lumen having a proximal end and a distal end, the proximal end of the perfusion lumen being proximate the proximal end of the balloon, the perfusion lumen decreasing distally in cross section within the inflatable envelope portion.

5. (Original) A balloon angioplasty catheter as recited in claim 4, wherein the perfusion lumen includes a metallic ribbon coil support.

6 - 9 (Cancelled)

10. (Previously Presented) A balloon angioplasty catheter comprising :
an elongated catheter body;
a balloon;

a perfusion lumen extending through the balloon, the perfusion lumen having a distal end and a proximal end;

a guidewire lumen, the guidewire lumen being disposed through the perfusion lumen and being collapsible, during normal use, in the absence of an inserted guidewire.

11. (Original) A balloon angioplasty catheter as recited in claim 10, wherein the perfusion lumen includes a metallic ribbon coil support.

12. (Original) A balloon angioplasty catheter as recited in claim 10, wherein the perfusion lumen distal end has a smaller cross section than the perfusion lumen proximal end.